

Vk2c10

1	D	I	Q	M	T	Q	S	P	A	S	L	S	A	S	L	15
	GAC	ATT	CAA	ATG	ACC	CAG	TCT	CCA	GCT	TCC	CTG	TCT	GCA	TCT	CTG	
	CTG	TAA	GTT	TAC	TGG	GTC	AGA	GGT	CGA	AGG	GAC	AGA	CGT	AGA	GAC	
CDRI																
	50									30						
16	G	E	T	V	S	I	E	C	L	A	S	E	D	I	Y	30
	GGA	GAA	ACT	GTC	TCC	ATC	GAA	TGT	CTG	GCA	AGT	GAG	GAC	ATA	TAC	
	CCT	CTT	TGA	CAG	AGG	TAG	CTT	ACA	GAC	CGT	TCA	CTC	CTG	TAT	ATG	

VH2C10

1 0 30 15
 1 E V Q L Q Q S G A E L V R P G
 GAG GTC CAG CTA CAG CAG TCT GGG GCT GAG CTT GTG AGA CCT GGG
 CTC CAG GTC GAT GTC GTC AGA CCC CGA CTC GAA CAC TCT GGA CCC

50 70 90 30
 16 T S V K L S C K V S G E I S T
 ACC TCT GTG AAG TTA TCT TGC AAA GTT TCT GGC GAA ATA AGT ACA
 TGG AGA CAC TTC AAT AGA ACG TTT CAA AGA CCG CTT TAT TCA TGT

CDRI

1 10 13 0 45
 31 G Y Y F H F V R R R P G Q G L
 GGA TAC TAT TTC CAC TTT GTG AGG CGA AGG CCT GGA CAG GGT CTG
 CCT ATG ATA AAG GTG AAA CAC TCC GCT TCC GGA CCT GTC CCA GAC

CDRII

150 1 70 60
 46 E W I G R I D P E D D S T K Y
 GAA TGG ATA GGA AGG ATT GAT CCT GAG GAT GAT AGT ACT AAA TAT
 CTT ACC TAT CCT TCC TAA CTA GGA CTC CTA CTA TCA TGA TTT ATA

19 0 210 75
 61 A E R F K D R A T L T A Q T S
 GCT GAG AGG TTC AAA GAC AGG GCG ACG CTC ACT GCA CAA ACA TCC
 CGA CTC TCC AAG TTT CTG TCC CGC TGC GAG TGA CGT GTT TGT AGG

2 30 25 0 270 90
 76 S N T A Y L N L S S L T S E D
 TCC AAC ACA GCC TAC CTG AAC CTC AGC AGC CTG ACC TCT GAG GAC
 AGG TTG TGT CGG ATG GAC TTG GAG TCG TCG GAC TGG AGA CTC CTG

2 90 31 0 105
 91 T A T Y F C T T W R I Y R D S
 ACT GCA ACT TAT TTT TGT ACC ACA TGG CGG ATA TAC CGA GAT AGT
 TGA CGT TGA ATA AAA ACA TGG TGT ACC GCC TAT ATG GCT CTA TCA

CDRIII

330 3 50 120
 106 S G R P F Y V M D A W G Q G A
 TCT GGC CGC CCC TTC TAT GTT ATG GAT GCC TGG GGT CAA GGA GCT
 AGA CCG GCG GGG AAG ATA CAA TAC CTA CGG ACC CCA GTT CCT CGA

37 0 126
 121 S V T V S S
 TCA GTC ACT GTC TCC TCA
 AGT CAG TGA CAG AGG AGT

FIGURE 2

Vk13g9

1 D V V M T Q T P L S L P V S L 15
GAC GTT GTT ATG ACT CAA ACT CCT CTC TCC CTG CCT GTC AGT CTT
 CTG CAA CAA TAC TGA GTT TGA GGA GAG AGG GAC GGA CAG TCA GAA

CDR I

16 G D Q A S I S C R S S Q S L V 30
 GGA GAT CAA GCC TCC ATC TCT TGC AGA TCT AGT CAG AGC CTT GTA
 CCT CTA GTT CGG AGG TAG AGA ACG TCT AGA TCA GTC TCG GAA CAT

31 H S N G N T Y L H W Y L Q K P 45
CAC AGT AAT GGA AAC ACC TAT TTA CAT TGG TAC CTG CAG AAG CCA
GTG TCA TTA CCT TTG TGG ATA AAT GTA ACC ATG GAC GTC TTC GGT

CDR II

46 G Q S P K L L I Y K V S N R F 60
 GGC CAG TCT CCA AAG CTC CTG ATC TAC AAA GTT TCC AAC CGA TTT
 CCG GTC AGA GGT TTC GAG GAC TAG ATG TTT CAA AGG TTG GCT AAT

61 S G V P D R F S G S G S G T D 75
TCT GGG GTC CCA GAC AGG TTC AGT GGC AGT GGA TCA GGT ACA GAT
AGA CCC CAG GGT CTG TCC AAG TCA CCG TCA CCT AGT CCA TGT CTA

76 F T L K I S R V E A E D L G V 90
 TTC ACA CTC AAG ATC AGC AGA GTG GAG GCT GAG GAT CTG GGA GTT
 AAG TGT GAG TTC TAG TCG TCT CAC CTC CGA CTC CTA GAC CCT CAA

CDR III

91 Y F C S Q S T H V P P Y T F G 105
 TAT TTC TGC TCT CAA AGT ACA CAT GTT CCT CCG TAC ACG TTC GGA
 ATA AAG ACG AGA GTT TCA TGT GTA CAA GGA GGC ATG TGC AAG CCT

106 G G T K L E I K R 114
 GGG GGG ACC AAG CTG GAA ATA AAA CGG
 CCC CCC TGG TTC GAC CTT TAT TTT GCC

FIGURE 3
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VH13G9

1 Q V T L K E S G P G I L K P S 15
 CAA GTT ACT CTT AAG GAG TCT GGC CCT GGG ATA TTG AAG CCC TCA
 GTT CAA TGA GAA TTC CTC AGA CCG GGA CCC TAT AAC TTC GGG AGT

16 Q T L S L T C S F S G F S L S 30
 CAG ACC CTC AGT CTG ACT TGT TCT TTC TCT GGG TTT TCT CTG AGC
 GTC TGG GAG TCA GAC TGA ACA AGA AAG AGA CCC AAA AGA GAC TCG

31 T S G M G I A W V R Q P S G K 45
 ACT TCT GGT ATG GGT ATT GCC TGG GTT CGT CAG CCT TCA GGG AAG
 TGA AGA CCA TAC CCA TAA CGG ACC CAA GCA GTC GGA AGT CCC TTC

46 G L E W L A D I W W D D N K Y 60
 GGT CTG GAG TGG CTG GCA GAC ATT TGG TGG GAT GAT AAT AAG TAT
 CCA GAC CTC ACC GAC CGT CTG TAA ACC ACC CTA CTA TTA TTC ATA

61 Y N P S L E S Q L T I S K D T 75
 TAT AAT CCA TCC CTG GAG AGC CAG CTC ACA ATC TCC AAG GAT ACC
 ATA TTA GGT AGG GAC CTC TCG GTC GAG TGT TAG AGG TTC CTA TGG

76 S R N Q V F L T I T S V D T A 90
 TCC AGA AAC CAG GTA TTC CTC ACG ATC ACC AGT GTG GAC ACT GCA
 AGG TCT TTG GTC CAT AAG GAG TGC TAG TGG TCA CAC CTG TGA CGT

91 D S A T Y Y C A R H H Y D G S 105
 GAT TCT GCC ACT TAT TAC TGT GCT CGT CAT CAT TAC GAC GGT AGT
 CTA AGA CGG TGA ATA ATG ACA CGA GCA GTA GTA ATG CTG CCA TCA

106 S L L P M D Y W G Q G T S V T 120
 AGC CTC CTG CCT ATG GAC TAC TGG GGT CAA GGA ACC TCA GTC ACC
 TCG GAG GAC GGA TAC CTG ATG ACC CCA GTT CCT TGG AGT CAG TGG

121 V S S 123
 GTC TCC TCA
 CAG AGG AGT

FIGURE 4

Vk14B7

[illegible]

FIGURE 5
5/6

VH14B7

[illegible]

FIGURE 6